



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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M E M O R A N D U M

September 19, 1984

TO: Pasco Sanitary Landfill (Resource Recovery Corp.) Files

FROM: Michael J. Gallagher *MTG*

SUBJECT: Site Inspection of the Pasco Sanitary Landfill, Pasco,
Franklin County, by Ecology and Environment, Inc.,
on September 12, 1984

Wednesday, September 12, 1984 (7:50 a.m. to 3:00 p.m.)

Weather: Clear, 65-75°F, southwesterly breeze

Personnel:

WDOE: Mike Gallagher
Ecology & Environment: Rick Brooks, Peter Evers
Resource Recovery Corp.: Larry Dietrich (Owner-Operator)
J-U-B Engineers, Inc.: John A. Zillich

On Wednesday, September 12th, I, Mike Gallagher of WDOE accompanied Rick Brooks and Peter Evers of E&E on a site inspection of the Pasco Sanitary Landfill. Upon entry to the site, we were met by Larry Dietrich, and, at approximately 8:30 a.m., John Zillich of J-U-B Engineers arrived. John is responsible for the J-U-B report: Summary Report Groundwater Quality in the Vicinity of the Pasco Sanitary Landfill, July, 1983.

Upon meeting Larry and John, E&E personnel and I were given a tour of the facility and shown approximately where hazardous waste is disposed of at this site. At the present time, Pasco Sanitary Landfill only accepts municipal waste. From 1972 to 1974, however, this facility accepted industrial hazardous materials under the authority of a WDOE permit. Hazardous wastes disposed of during the 1972-74 period included herbicides (2, 4D, MCPA Bleed), wood treatment wastes (PCP), paint wastes, acids, caustics, and other wastes.

After touring the site, E&E personnel interviewed Larry Dietrich and John Zillich in order to complete portions of the Site Inspection Form (EPA Form 2070-13). During this interview, Larry said that Resource Recovery has no inventory of industrial waste after 1974, and any waste accepted from "industries" since 1974 were only accepted from industries that are located in Benton or Franklin Counties. Larry also said that after 1974, anything

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DOE Site Insp Report

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questionable was refused. I asked Larry if he knew where this refused waste may have gone and he said he didn't know because the refusal by Resource Recovery/Pasco Sanitary Landfill was done during telephone inquiries by persons or companies inquiring about disposal of "questionable" wastes. He said that these type of wastes most likely went to Arlington, Oregon. John Zillich added that the monitoring wells located around the landfill and on-site showed only high levels of iron and manganese up to 1983. Results from groundwater samples obtained in March 1984, however, showed the following values for phenol:

Control Well	0.45 mg/l
Well #1	0.57 mg/l
Well #2	0.45 mg/l

John felt that these samples were contaminated in the lab. Sample results from July 9, 1984 showed the following phenol values:

Control well	0.01 mg/l
Well #1	0.01 mg/l
Well #2	0.03 mg/l

(According to Groundwater by Freeze and Cherry, 1979, the maximum permissible concentration for phenol as established by the EPA in 1975 is 0.001 mg/l.)

After the interview, E&E personnel obtained groundwater samples from the Control Well and Well #3. Both wells are two inch PVC wells. Neither well had a locked cap, but they did have a cap. The pump used (which was not decontaminated prior to purging) was a Model 0500 Geo-Filter submersible pump. Both wells were purged by this pump for approximately one hour and 15 minutes. Prior to purging, static water level was measured to be 53 feet 10 inches from the top of the casing in the Control Well and 72 feet 2 inches from the top of the casing in Well #3. Groundwater samples were collected after purging by E&E personnel using a stainless steel bailer. Separate bailers were used for each well and both bailers were decontaminated with methanol, acetone, and distilled water prior to use at the site. The groundwater samples collected from the two wells at this site will be analyzed for all 129 National Priority Pollutants. Analysis of organics and inorganics will be down to the ppb range.

Although this site is located in a remotely populated area and in a dry climate, there is still potential for groundwater contamination. Any future investigative work can be considered after the sample analyses results are given to the EPA by their contract laboratory.

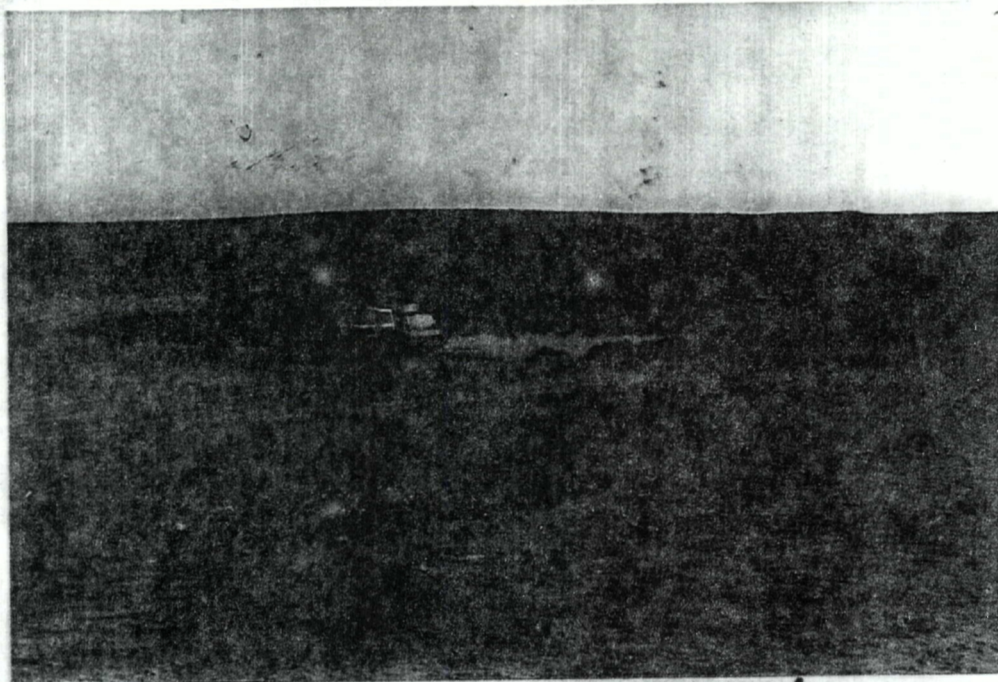
MJG/sr

cc John Littler

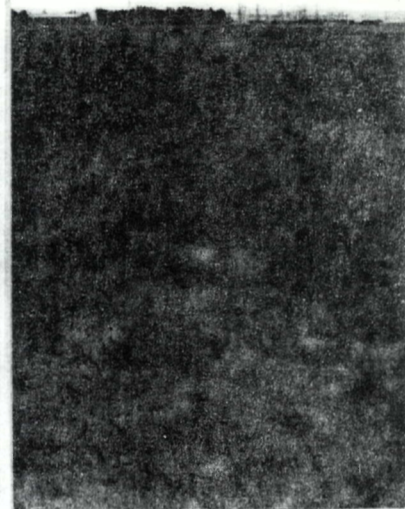
Larry Jewett

Jim Oberlander

Pasco Sanitary Landfill (aka Resour
Pasco, Franklin County



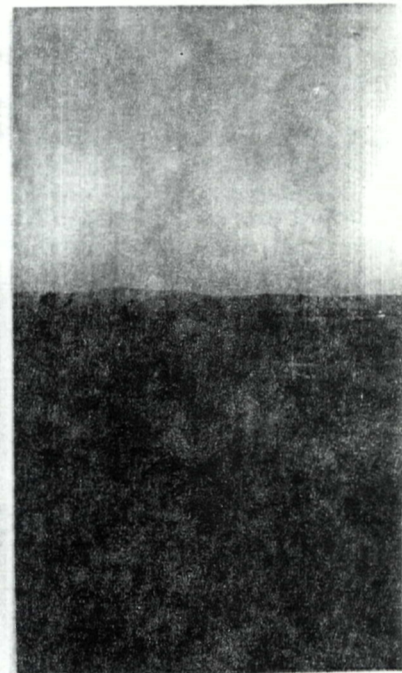
Septic Sludge Disposal Pond .
(Looking NE).



Site
(2,4-D wa
(Looking

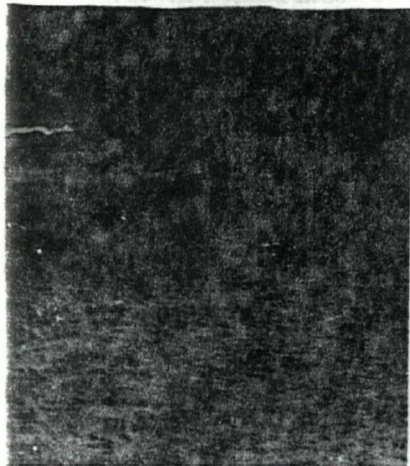


Purging "Control Well"
prior to sampling.

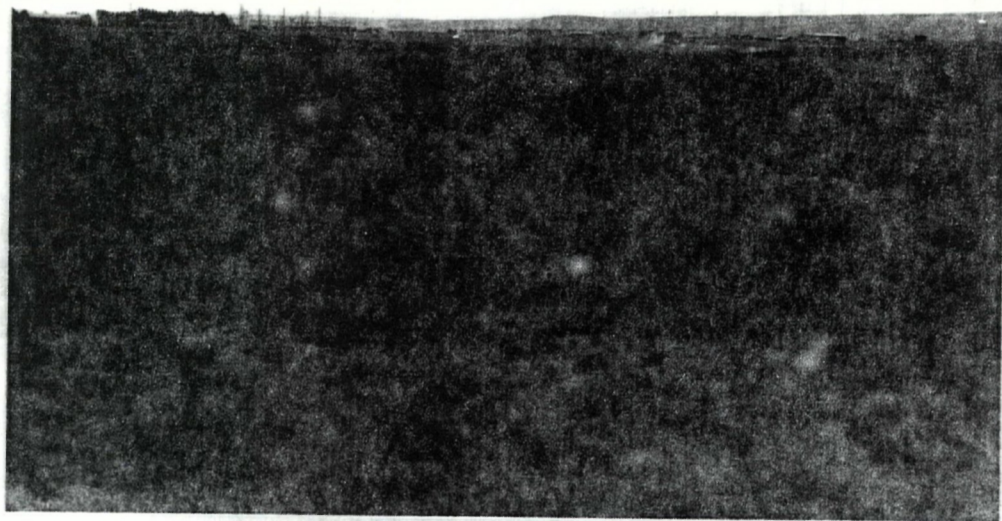


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(Looki

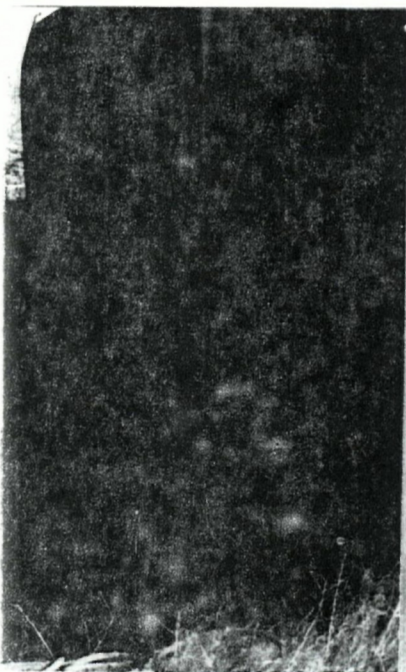
Pasco Sanitary Landfill (aka Resource Recovery, Inc.)
Pasco, Franklin County



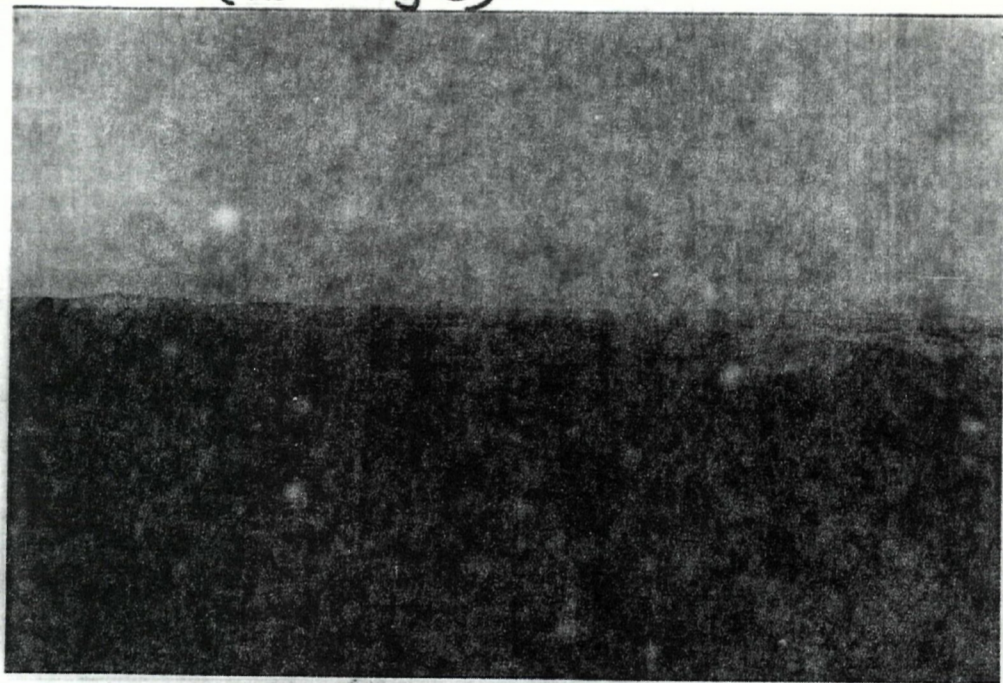
Basal Pond .



Site B
(2,4-D wastes)
(Looking S).



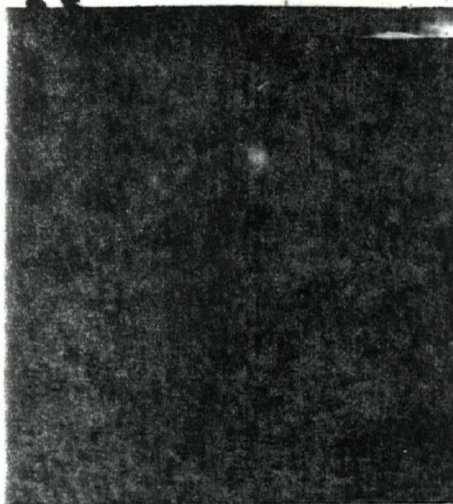
211"



Burning area.
(Looking WSW).

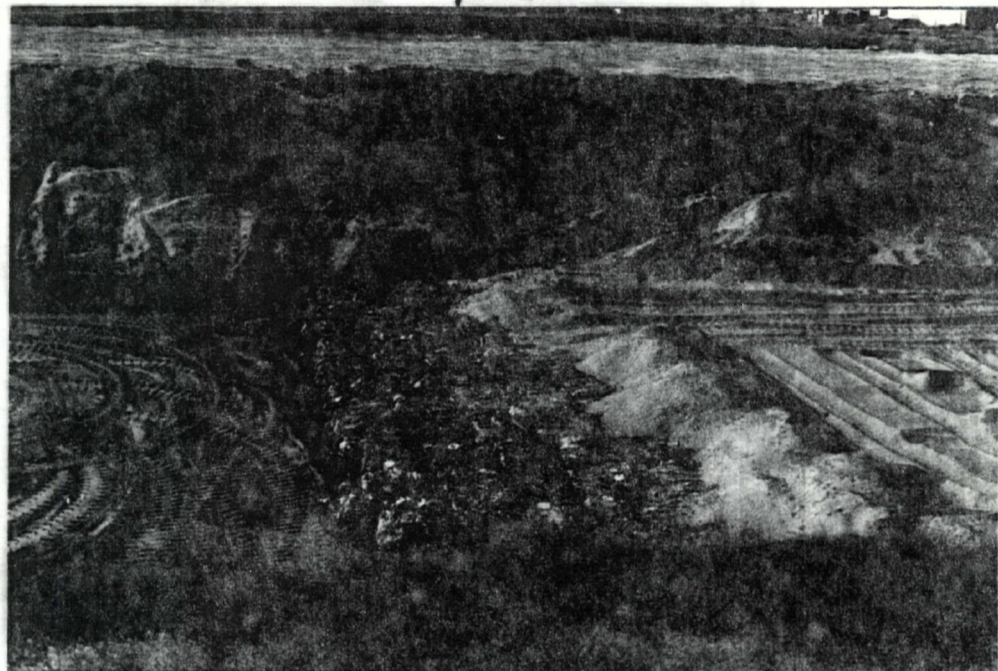
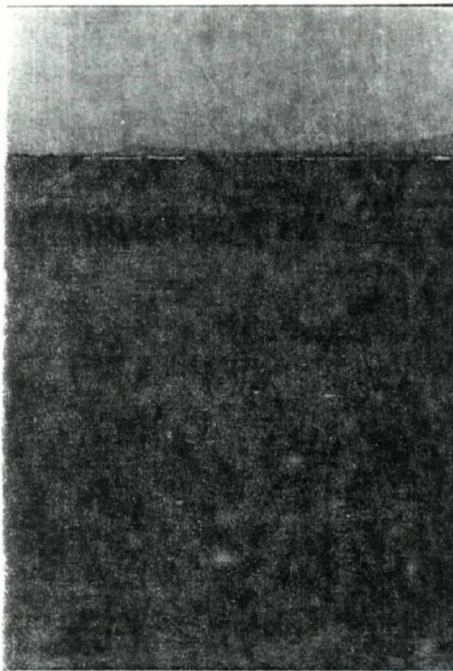
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Pasco, Franklin County



1, + solvent waste),
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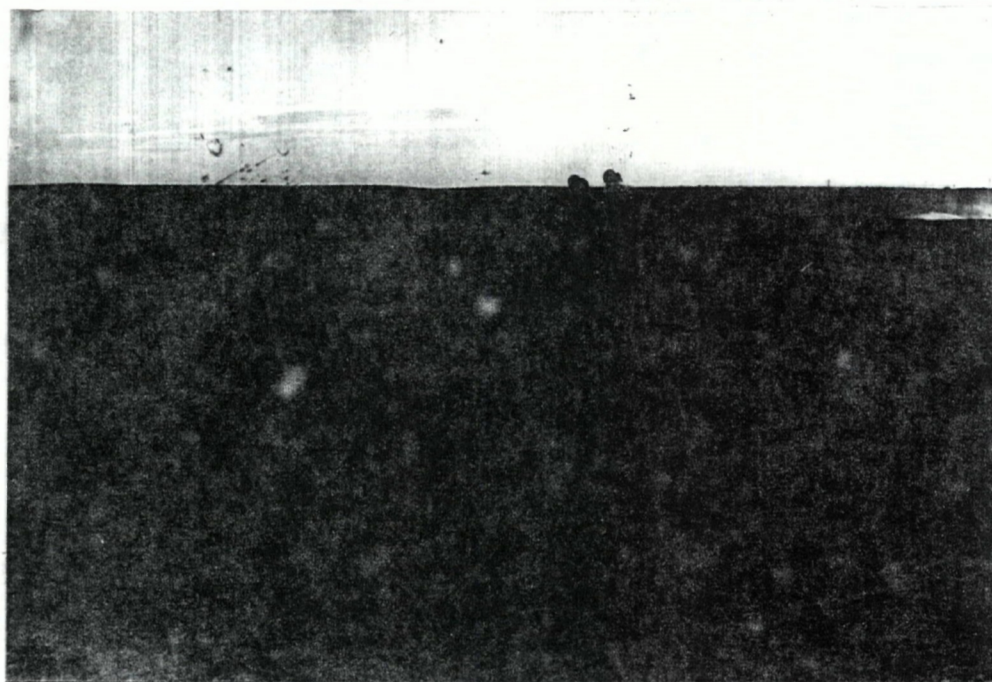
Site A
(Acid, Caustic, Pesticide + Oil Sludge waste).
(Looking S).



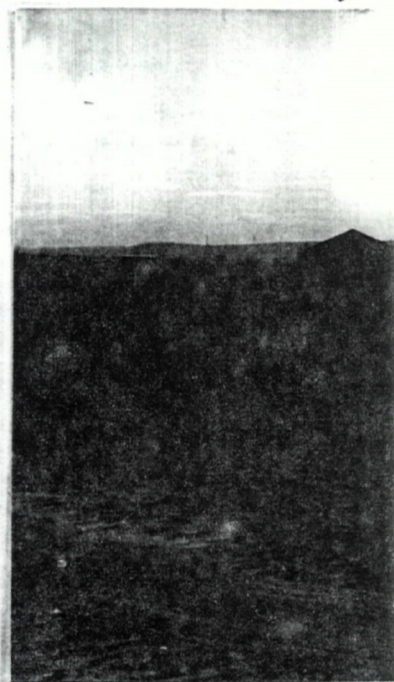
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Baled garbage from
Kennewick (looking S).

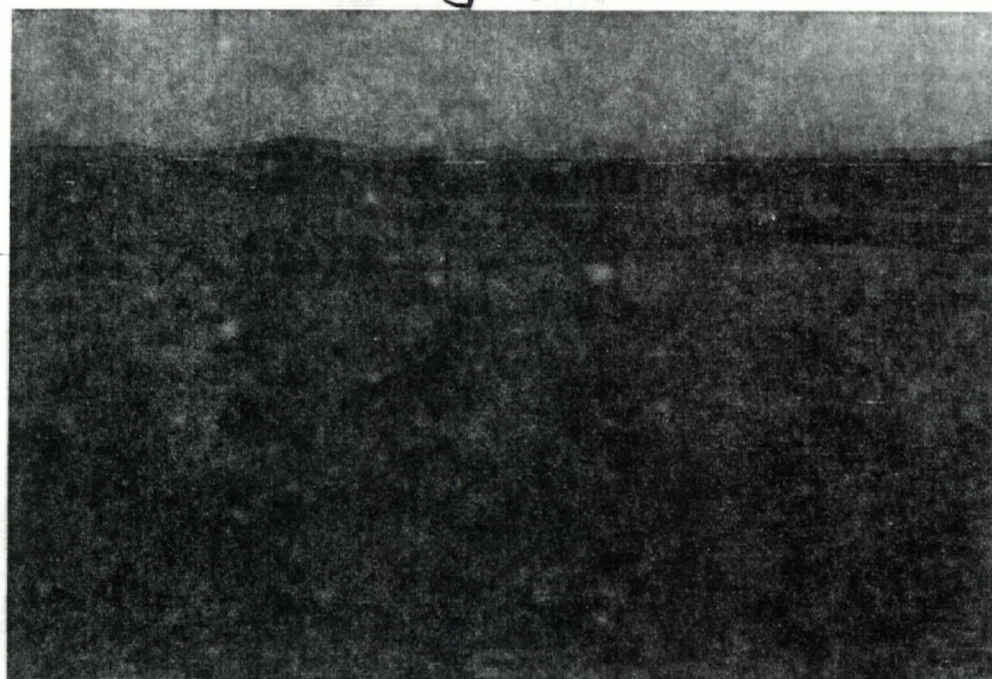
Pasco Sanitary Landfill (aka Resource
Pasco, Franklin County



Site C+D
(Metal cleaning, acid, + solvent waste).
(Looking E).



Site
(Acid, Caustic)
(Looking W)



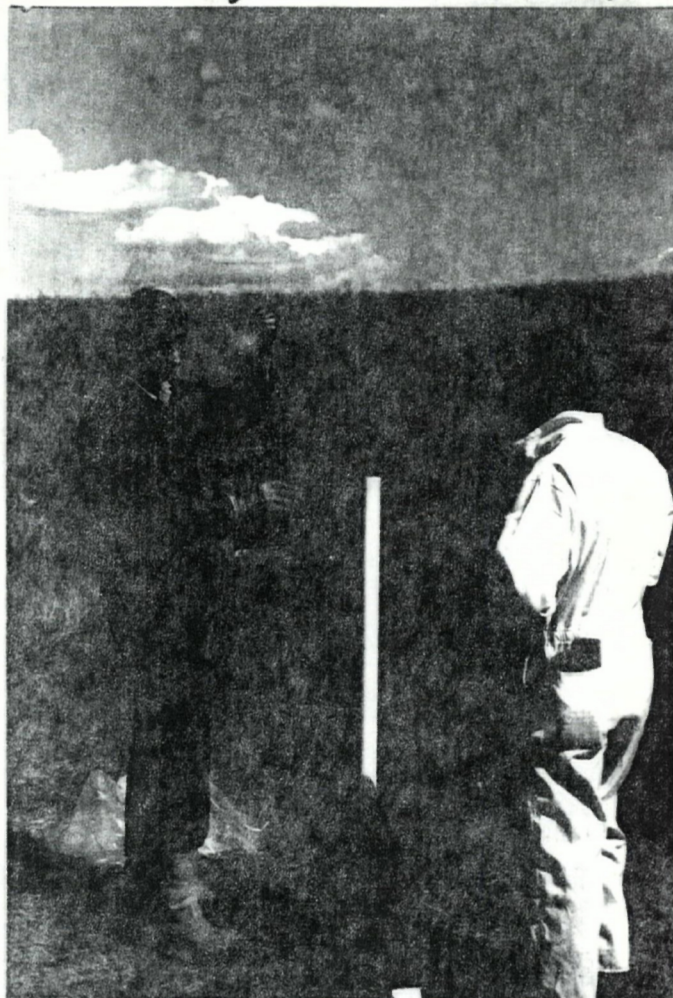
Site E
(Barium Waste)
(Looking W).



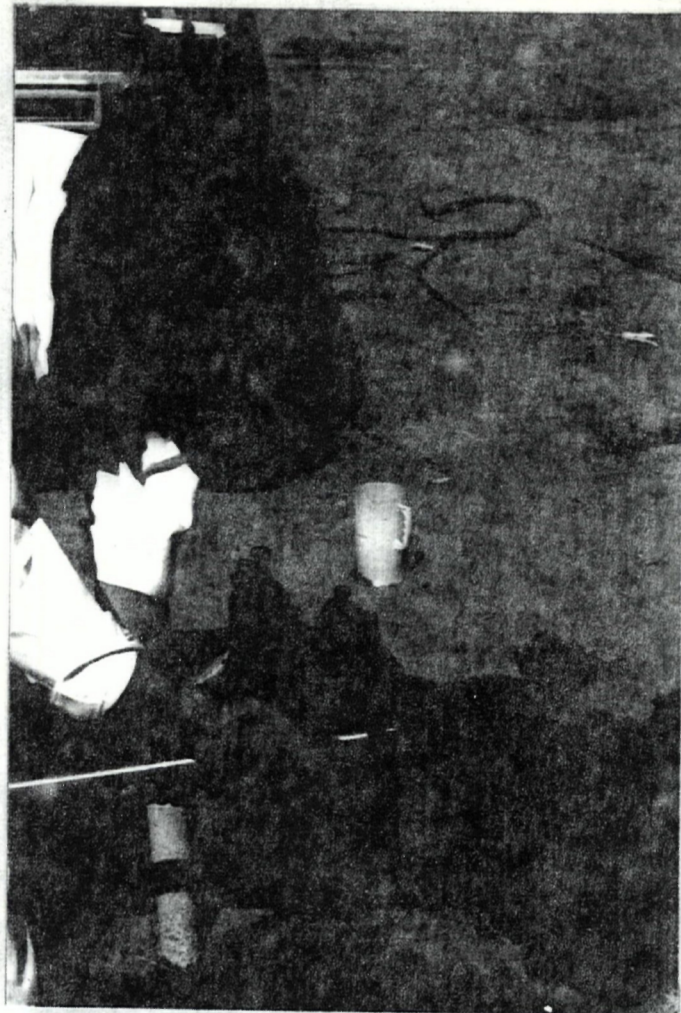
Baled
Kenne

Photos Taken 9-12-84 by Michael J. Gallagher

Sanitary Landfill (aka Resource Recovery, Inc.)
Pasco, Franklin County



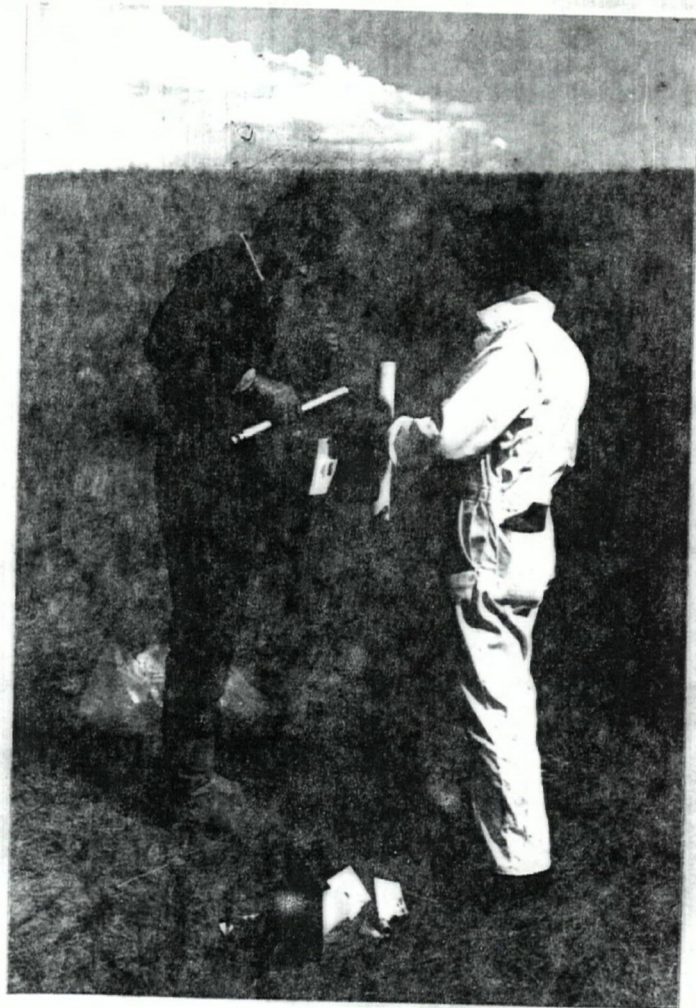
E+E personnel sampling
"Control Well".



E+E personnel sampling
Well #3.

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Pasco Sanitary Landfill (aka Resource
Pasco, Franklin County

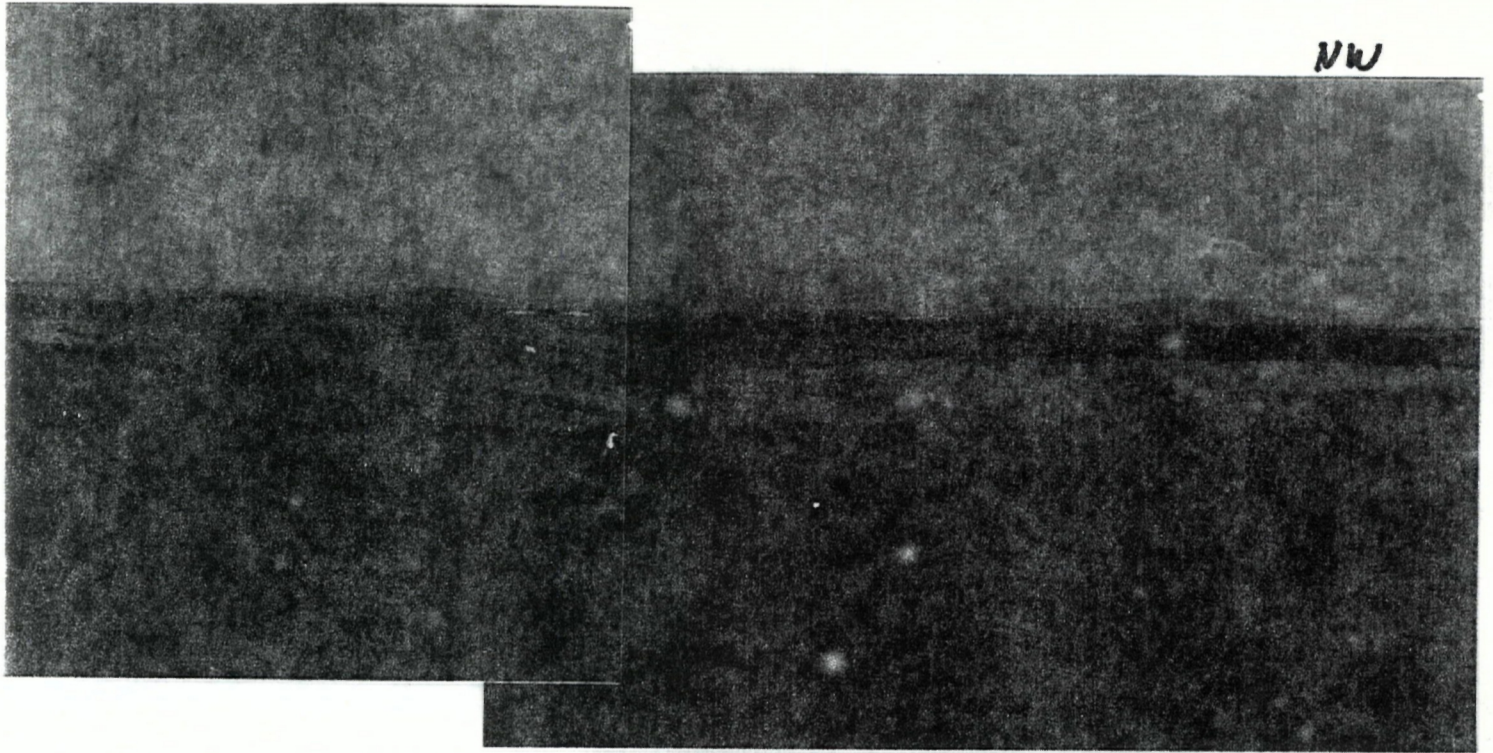


E+E personnel sampling
"Control Well."



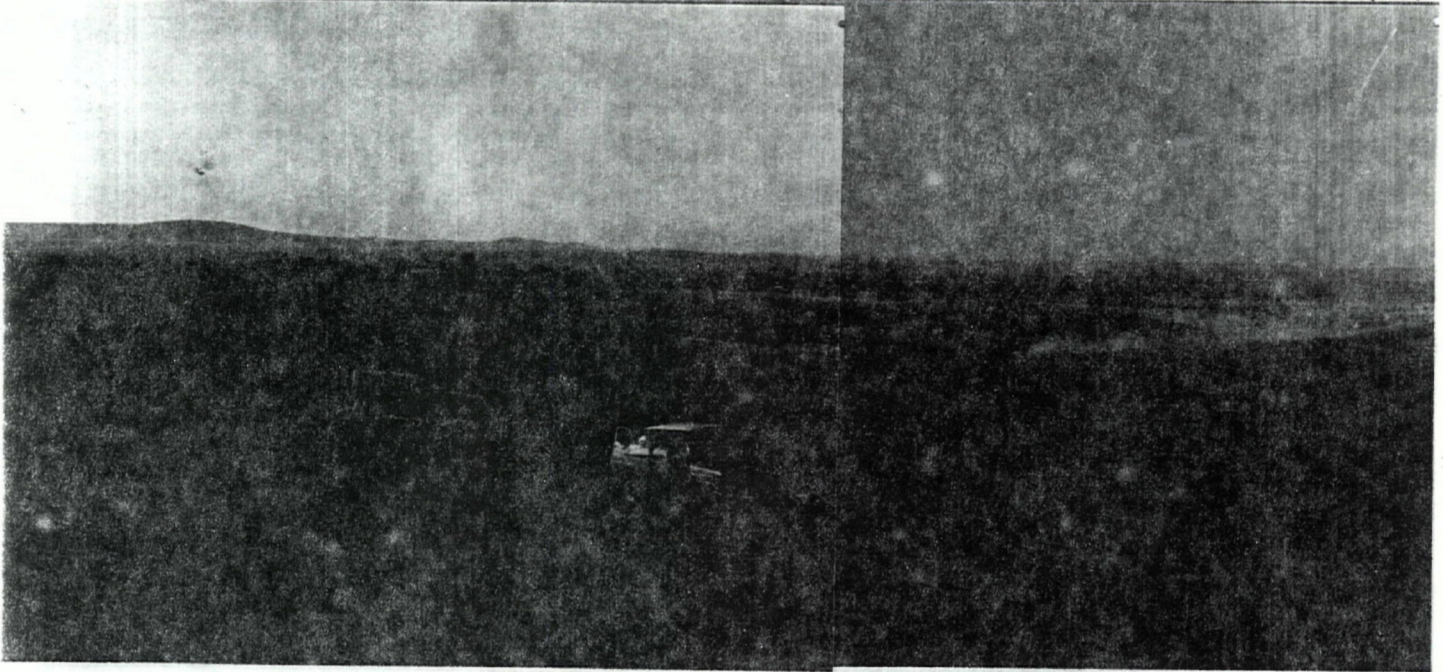
E+E personnel sampling
"Control Well".

Sanitary Landfill (aka Resource Recovery, Inc.)
Pasco, Franklin County



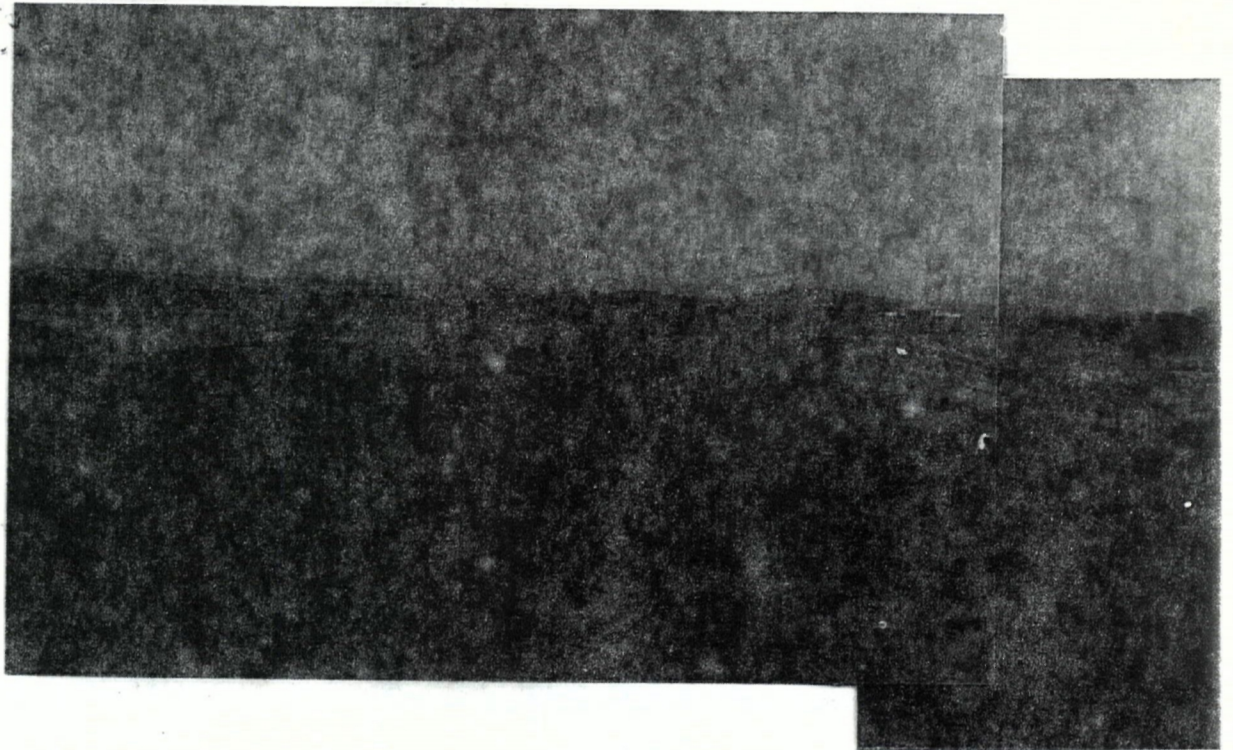
NW

Panorama of Pasco Landfill Site, taken from near "Control Well"



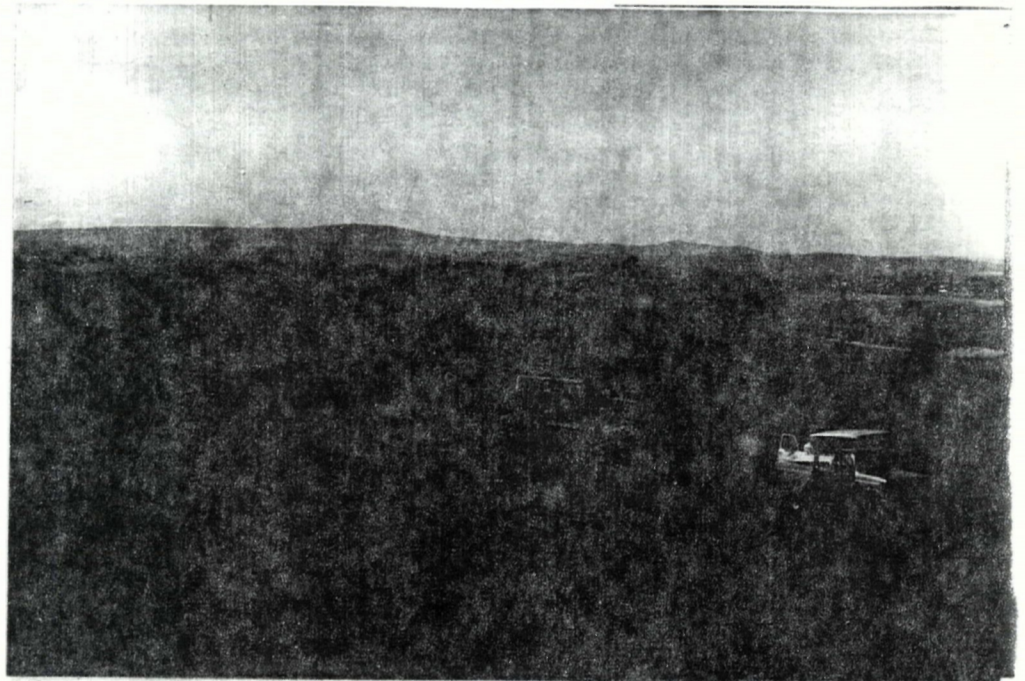
by Michael J. Gallagher

Pasco Sanitary Landfill (aka Resource K)
Pasco, Franklin County



SW

Panorama of Pasco Landfill S



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